


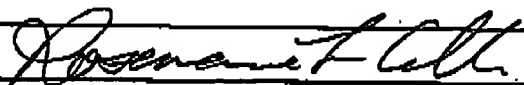
DEC 07 2004

PTO/SB/21 (09-04)

TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/724,589
	Filing Date	November 28, 2000
	First Named Inventor	John P. Anderson et al.
	Art Unit	1652
	Examiner Name	Malgorzata A. Walicka
	Attorney Docket Number	015270-008446US
Total Number of Pages in This Submission		9

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (1 p., submitted in duplicate) <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (8 pages) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request (1 page) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Rosemarie L. Celli		
Date	December 7, 2004	Reg. No.	42,397

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 872-9306 on December 7, 2004		
Signature		
Typed or printed name	Rosemarie L. Celli	Date Dec. 7, 2004

60373059 v1

PTO/BB/17 (10-04)

FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1530

Complete if Known

Application Number 09/724,569
 Filing Date November 28, 2000
 First Named Inventor John P. Anderson et al.
 Examiner Name Malgorzata A. Walicka
 Art Unit 1652
 Attorney Docket No. 015270-006446US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:Deposit
Account
Number

20-1430

Deposit
Account
Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	780	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	780	2004	395	Reissue filing fee	
1005	180	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims	Fee from below	Fee Paid
<input type="text"/>	=	<input type="text"/>	<input type="text"/>	<input type="text"/>
Independent Claims	=	<input type="text"/>	<input type="text"/>	<input type="text"/>
Multiple Dependent		<input type="text"/>	<input type="text"/>	<input type="text"/>

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

*or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES


Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	28	Surcharge - late provisional filing fee or cover sheet	
1053	180	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	820*	1804	820*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	880	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	1530
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	900	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,870	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	680	2503	380	Plant issue fee	
1480	130	1480	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1808	180	1808	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	780	2809	395	Filing a submission after final rejection (37 CFR § 1.128(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.128(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	800	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$)1530

SUBMITTED BY

Name (Print/Type)		Registration No. (Attorney/Agent)		Telephone	
Rosemarie L. Gelli		42,397		650-326-2400	
Signature		Date		December 7, 2004	
					

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60373064 v1

PTO/5B/17 (10-04)

FEE TRANSMITTAL for FY 2005

Effective 10/01/2004, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1530

Complete if Known

Application Number 09/724,569
 Filing Date November 28, 2000
 First Named Inventor John P. Anderson et al.
 Examiner Name Malgorzata A. Walicka
 Art Unit 1652
 Attorney Docket No. 015270-006446US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:Deposit
Account
Number

20-1430

Deposit
Account
Name

Townsend and Townsend and Crew LLP

The Director is authorized to (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

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		1002	350	Design filing fee	
		1003	550	Plant filing fee	
		1004	790	Reissue filing fee	
		1005	160	Provisional filing fee	

SUBTOTAL (1)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims			
Multiple Dependent			

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
		1202	18	Claims in excess of 20
		1201	98	Independent claims in excess of 3
		1203	300	Multiple dependent claim, if not paid
		1204	88	** Reissue independent claims over original patent
		1205	18	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	Surcharge - late filing fee or oath	
		1052	50	Surcharge - late provisional filing fee or cover sheet	
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		1252	430	Extension for reply within second month	
		1253	980	Extension for reply within third month	
		1254	1,580	Extension for reply within fourth month	
		1255	2,080	Extension for reply within fifth month	
		1401	340	Notice of Appeal	
		1402	340	Filing a brief in support of an appeal	
		1403	300	Request for oral hearing	
		1451	1,510	Petition to institute a public use proceeding	
		1452	110	Petition to revive - unavoidable	
		1453	1,380	Petition to revive - unintentional	
		1501	1,370	Utility issue fee (or reissue)	
		1502	490	Design issue fee	
		1503	660	Plant issue fee	
		1460	130	Petitions to the Commissioner	
		1807	50	Processing fee under 37 CFR 1.17(q)	
		1808	180	Submission of Information Disclosure Stmt	
		8021	40	Recording each patent assignment per property (times number of properties)	
		1809	790	Filing a submission after final rejection (37 CFR § 1.129(a))	
		1810	790	For each additional invention to be examined (37 CFR § 1.129(b))	
		1801	790	Request for Continued Examination (RCE)	
		1802	900	Request for expedited examination of a design application	


Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$1530)

SUBMITTED BY

Complete (if applicable)					
Name (Print/Type)	Rosemarie L. Gell	Registration No. (Attorney/Agent)	42,397	Telephone	650-326-2400
Signature				Date	December 7, 2004

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Fax No. 1-703-872-9306 on 12/7/04.

PATENT
Attorney Docket No.: 015270-006446US
Client Ref. No.: 228-US-NEW2C6

TOWNSEND and TOWNSEND and CREW LLP

By: Roseanne L. Allen

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

John P. Anderson et al.

Application No.: 09/724,569

Filed: November 28, 2000

For: BETA-SECRETASE ENZYME
COMPOSITIONS AND METHODS

Customer No.: 20350

Confirmation No. 6102

Examiner: Malgorzata A. Walicka

Technology Center/Art Unit: 1652

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This paper is submitted in response to the Restriction/Election of Species Requirement mailed July 8, 2004. A petition to extend the time to respond for four months, from August 8, 2004 to December 8, 2004 is submitted herewith. Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.